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Patent
Attorney's Docket No. 024916-010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Pamela S. SOKOL et al.)	Group Art Unit: Unassigned
Application No.: 09/988,019)	Examiner: Unassigned
Filed: November 16, 2001)	
For: CONSERVED METALLOPROTESE)	
EPITOPES)	

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.


- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

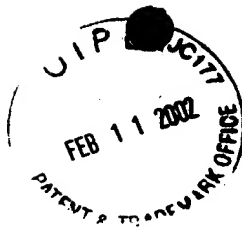
Respectfully submitted,

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Date: February 11, 2002



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Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56,
Applicants hereby submit the following information in conformance with 37 C.F.R.
§§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited
below were either submitted or cited in parent Application Serial No. 09/275,417, thus,
these documents are not enclosed herewith.

U.S. PATENT DOCUMENTS

1. Hodges et al., U. S. Patent No. 5,445,318, issued August 29, 1995.

FOREIGN PATENT DOCUMENTS

1. Morihara et al., Japanese Patent No. 2104285, published April 17, 1990, with English language abstract.
2. De Leys et al., PCT Publication Number WO 93/18054, published September 16, 1993.

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3. HORVAT et al., "*Pseudomonas aeruginosa* Alkaline Protease Degrades Human Gamma Interferon and Inhibits Its Bioactivity," *Infection and Immunity*, 1988, pp. 2925-32, vol. 56(11), American Society for Microbiology, Washington, D.C.

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11. FINKELSTEIN et al., "*Vibrio cholerae* hemagglutinin/lectin/protease hydrolyzes fibronectin and ovomucin: F.M. Burnet revisited," *Proc. Natl. Acad. Sci.*, 1983, pp. 1092-95, vol. 80, The National Academy of Sciences, Washington, D.C.
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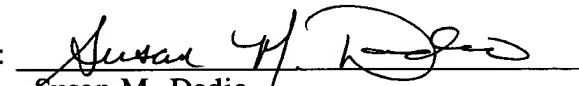
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Elastase of *Pseudomonas aeruginosa* at 1.5-Å Resolution,"
The Journal of Biological Chemistry, John Wiley & Sons,
New York, New York.
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34. SKOLNICK et al., "From genes to protein structure and function: novel applications of computational approaches in the genomic era," *Trends in Biotech.*, 2000, pp. 34-39, vol. 18, no. 1, Elsevier Science, New York, New York.

To assist the Examiner, the documents are listed on the attached form PTO-1449.
It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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Date: February 11, 2002

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT No.

024916-010

APPLICATION No.

09/988,019

APPLICANT

Pamela A. SOKOL et al.

FILING DATE

November 16, 2001

GROUP

Unassigned

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	5,445,318	A	HODGES et al.	08-29-1995

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	2104285		Japan	04-17-1990		
	93/18054	A2	WO	09-16-1993		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	WRETLAND et al., "Pseudomonas aeruginosa Elastase and Its Role in Pseudomonas Infections, <i>Rev. Infect. Dis.</i> , 1983, pp. 998-1004, vol. 5(5), University of Chicago Press, Chicago, Ill.
	HONG et al., "Effect of Pseudomonas aeruginosa Elastase and Alkaline Protease on Serum Complement and Isolated Components C1q and C3'," <i>Clinical Immunology and Immunopathology</i> , 1992, pp. 133-38, vol. 62(2), Academic Press, Orlando, Florida.
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	TODER et al., "lasA and lasB Genes of Pseudomonas aeruginosa: Analysis of Transcription and Gene Product Activity," <i>Infection and Immunity</i> , 1994, pp. 1320-27, vol. 62(4), American Society for Microbiology, Washington, D.C.
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	BEVER et al., "Molecular Characterization and Nucleotide Sequence of the Pseudomonas aeruginosa Elastase Structural Gene," <i>Journal of Bacteriology</i> , 1988, pp. 4309-14, vol. 170(9), American Society for Microbiology, Washington, D.C.
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	FINKELSTEIN et al., "Vibrio cholerae hemagglutinin/lectin/protease hydrolyzes fibronectin and ovomucin: F.M. Burnet revisited," <i>Proc. Natl. Acad. Sci.</i> , 1983, pp. 1092-95, vol. 80, The National Academy of Sciences, Washington, D.C.
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	HÄSE et al., "Bacterial Extracellular Zinc-Containing Metalloproteases," <i>Microbiological Reviews</i> , 1993, pp. 823-37, vol. 57, no. 4, American Society for Microbiology, Washington, D.C.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.



Substitute for form 1449A/PT INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTORNEY'S DKT NO. 024916-010	APPLICATION NO. 09/988,019
	APPLICANT Pamela A. SOKOL et al.	
	FILING DATE November 16, 2001	GROUP Unassign d

	GILLIGAN et al., "Microbiology of Airway Disease in patients with Cystic Fibrosis," <i>Clinical Microbiology Reviews</i> , 1991, pp. 35-51, vol. 4, no. 1, American Society for Microbiology, Washington, D.C.		
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Examiner Signature		Date Considered	